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COMPUTERS AND DATA PROCESSING

Almanac for Computers, 1986. *Provides astronomical data in a format for small computers and calculators used in navigation and positional astronomy. Concise mathematical expressions are used to represent the coordinates of celestial bodies for specific periods of time. Expressions are approximations.* 1985: 100 p.
D 213.14:986 S/N 008-054-00122-0 $ 3.50

Automation and the Workplace: Selected Labor, Education, and Training Issues, A Technical Memorandum. *Discusses procedures for evaluating potential employment change associated with automation, and outlines associated problems. Also provides descriptions of the nature and modes of delivery of education, training, and retraining for persons holding or seeking employment in manufacturing industries.* 1983: 113 p.; ill. Y 3.T 22/2:11 Au 8 S/N 052-003-00900-5 5.50

Automation of America's Offices, 1985-2000. *Assesses the consequences of the rapid introduction of information and telecommunications technologies in the office. Issues discussed in detail include productivity; training; the quality of worklife; security of information; home-based office work; and how office automation affects women and minorities.* 1985: 369 p.; ill.
Y 3.T 22/2:2 Au 8/4 S/N 052-003-01013-5 13.00

BEHAVE: Fire Behavior Prediction and Fuel Modeling System--Fuel Subsystem. *Documents the fuel modeling portion of BEHAVE, a system of computer programs that construct fire behavior fuel models and predict wildland fire behavior. Instructions are provided for the NEWMDL and TSTMDL programs.* 1984: 126 p.; ill. Issued with perforations. A 13.88:INT-167 S/N 001-001-00596-7 5.00

Communication Systems Guide. 1979: 52 p.; ill.
C 13.10:480-12 S/N 003-003-02012-5 2.75

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GP 3.22/2:

Competitive Assessment of the United States. *The following reports define and describe each industry and discuss their past and current performances and foreign competitive positions. Recommendations of Federal actions that could enhance their future competitiveness are also given.*

Data Processing Services Industry. 1984: 67 p.
C 61.2:D 26 S/N 003-009-00437-3 $ 3.00

Disk Storage Industry. 1985: 67 p.; ill.
C 61.2:St 7 S/N 003-009-00461-6 2.50

Software Industry. 1984: 109 p.; ill. and errata sheet.
C 61.2:So 2/2 S/N 003-009-00436-5 4.50

Computer and Mathematics-Related Occupations. *Contains the employment outlook for computer operating personnel, computer service technicians, programmers, system analysts, and related occupations.* 1986: 24 p.; revised ed. S/N 029-001-02869-5 1.25

Computer Crime:

Criminal Justice Resource Manual. *Simplifies data processing terms and concepts enabling criminal investigators and prosecutors to better plan investigations and prosecute cases involving computer crime.* 1979: 432 p.; ill. J 26.8:C 86/5 S/N 027-000-00870-4 10.00

Computer Security Techniques. *Describes and classifies over 80 computer security procedures used in the public and private sector in terms of strengths, weaknesses, costs, and target vulnerabilities. Also identifies some legal issues relevant to computer hardware and data protection.* 1982: 231 p.
J 29.2:C 86 S/N 027-000-01169-1 7.50

Electronic Fund Transfer Systems and Crime. *Reviews the crime-related implications of the growth of computers in the financial community, and attempts to determine the nature and magnitude of electronic funds transfer crime.* 1982: 205 p.; ill.
J 29.9:NCJ-83736 S/N 027-000-01170-5 7.00

Legislative Resource Manual. *Assists criminal justice personnel by familiarizing them with the technical and legal issues confronting computer related crime prosecutions.* 1981: 136 p.; ill.
J 29.8:C 73/2 S/N 027-000-01135-7 6.50

Computer Data Base System for Indexing Research Papers. *Programs are written in standard FORTRAN VIII Level I programming language.* 1982: 106 p.; ill. C 13.46:1167 S/N 003-003-02432-5 $ 5.50

Computer Education: A Catalog of Projects Sponsored by the United States Department of Education, 1983. 1984: 315 p. ED 1.302:C 73 S/N 065-000-00202-7 9.00

Computer Literacy: Definition and Survey Items for Assessment in Schools. *Survey questionnaires with numerous questions on computers and computer-related resources designed for school superintendents, principals, teachers, and students in elementary and secondary education.* 1983: 219 p. ED 1.102:C 73 S/N 065-000-00196-9 7.00

Computer Program for Absorbed Dose to the Breast in Mammography. *Discusses two FORTRAN programs designed to compute absorbed dose to the glandular tissue of five breast models.* 1985: 46 p.; ill. HE 20.4602:C 73 S/N 017-015-00228-4 2.00

Computer Science and Technology:

Assessment of Techniques for Evaluating Computer Systems for Federal Agency Procurements. 1984: 34 p.; ill. C 13.10:500-113 S/N 003-003-02561-5 2.00

Audit and Evaluation of Computer Security 2, System Vulnerabilities and Controls: Proceedings of the NBS Invitational Workshop Held at Miami Beach, Florida, November 28-30, 1978. 1980: 211 p.; ill. C 13.10:500-57 S/N 003-003-02178-4 7.00

Benchmark Analysis of Database Architectures: A Case Study. 1985: 197 p.; ill. C 13.10:500-132 S/N 003-003-02684-1 7.50

Bibliography of the Literature on Optical Storage Technology. 1983: 178 p. C 13.10:500-107 S/N 003-003-02539-9 4.50

Care and Handling of Computer Magnetic Storage Media. 1983: 136 p. C 13.10:500-101 S/N 003-003-02486-4 5.50

Data Base Directions, Information Resource Management, Strategies and Tools: Proceedings of the Workshop of the National Bureau of Standards and the Association for Computing Machinery, Held October 20-22, 1980 at Fort Lauderdale, Florida. 1982: 180 p. C 13.10:500-92 S/N 003-003-02419-8 6.50

Computer Science and Technology - con.

Data Base Directions, The Conversion Problem: Proceedings of the Workshop, Held in Fort Lauderdale, Florida, November 1-3, 1977. 1980: 167 p.; ill. C 13.10:500-64 S/N 003-003-02248-9 $ 6.50

Data Base Management Approach to Privacy Act Compliance. 1977: 28 p. C 13.10:500-10 S/N 003-003-01787-6 4.50

Executive Guide to Software Maintenance. 1985: 28 p. C 13.10:500-130 S/N 003-003-02685-9 1.00

Features of Software Development Tools. 1981: 24 p.; ill. C 13.10:500-74 S/N 003-003-02295-1 2.50

Future Information Processing Technology, 1983. 1983: 251 p.; ill. C 13.10:500-103 S/N 003-003-02504-6 6.50

Future Information Technology: 1984 Telecommunications. 1984: 347 p.; ill. C 13.10:500-119 S/N 003-003-02626-8 9.50

Guidance on Planning and Implementing Computer System Reliability. 1985: 48 p.; ill. C 13.10:500-121 S/N 003-003-02628-0 2.25

Guidance on Software Maintenance. 1983: 72 p.; ill. C 13.10:500-106 S/N 003-003-02535-6 2.50

Guide for Selecting Microcomputer Data Management Software. 1985: 66 p.; ill. C 13.10:500-131 S/N 003-003-02682-4 2.50

Guide on Data Models in the Selection and Use of Database Management Systems. 1984: 70 p.; ill. C 13.10:500-108 S/N 003-003-02543-7 3.00

Guide on Logical Database Design. 1985: 116 p.; ill. C 13.10:500-122 S/N 003-003-02631-0 4.50

Guide on Selecting ADP Backup Processing Alternatives. 1985: 40 p.; ill. C 13.10:500-134 S/N 003-003-02701-4 1.75

Guide on Workload Forecasting. 1985: 66 p.; ill. C 13.10:500-123 S/N 003-003-02634-4 3.00

Guide to Contracting for Software Conversion Services. 1982: 67 p.; ill. C 13.10:500-90 S/N 003-003-02393-1 4.50

Computer Science and Technology - con.

Guide to Software Conversion Management. 1983: 219 p.; ill.
C 13.10:500-105 S/N 003-003-02515-1 $ 6.50

Integrated Software for Microcomputer Systems. 1986: 38 p.
C 13.10:500-135 S/N 003-003-02711-1 1.75

Introduction to Software Packages. 1984: 61 p.; ill.
C 13.10:500-114 S/N 003-003-02569-1 2.25

Issues in the Management of Microcomputer Systems. 1985: 54 p.; ill.
C 13.10:500-125 S/N 003-003-02678-6 2.25

Key Notarization System for Computer Networks. 1979: 29 p.; ill.
C 13.10:500-54 S/N 003-003-02130-0 4.50

Management Guide for Software Documentation. 1982: 44 p.
C 13.10:500-87 S/N 003-003-02384-1 3.00

Microcomputers: A Review of Federal Agency Experiences. 1983: 146 p.
C 13.10:500-102 S/N 003-003-02492-9 5.50

Microcomputers: Introduction to Features and Uses. 1984: 143 p.; ill.
C 13.10:500-110 S/N 003-003-02560-7 4.25

NBS Minimal BASIC Test Programs, Version 2, User's Manual: Volume 2, Source Listings and Sample Output. *Volume 1 is out of print.* 1980: 483 p.
C 13.10:500-70/2 S/N 003-003-02263-2 10.00

NBS/RIA Robotics Research Workshop: Proceedings of the NBS/RIA Workshop on Robotic Research Held at Williamsburg, Virginia, July 12-13, 1977. 1978: 34 p.
C 13.10:500-29 S/N 003-003-01909-7 4.50

Overview of Computer Security Certification and Accreditation. 1984: 23 p.
C 13.10:500-109 S/N 003-003-02567-4 1.50

Overview of Computer Software Acceptance Testing. 1986: 22 p.
C 13.10:500-136 S/N 003-003-02712-0 1.00

Planning for Software Validation, Verification, and Testing. 1982: 88 p.
C 13.10:500-98 S/N 003-003-02449-0 5.50

Recommendations for Data Base Management System Standards. 1979: 88 p.
C 13.10:500-51 S/N 003-003-02095-8 5.50

Computer Science and Technology - con.

Report on Approaches to Database Translation. 1984: 92 p.
C 13.10:500-115 S/N 003-003-02583-6 $ 3.25

Security of Personal Computer Systems: A Management Guide. 1985: 68 p.
C 13.10:500-120 S/N 003-003-02627-1 3.00

Selection and Use of General-Purpose Programming Languages:

Overview. 1984: 80 p.
C 13.10:500-117/v.1 S/N 003-003-02612-3 3.00

Program Examples. 1984: 180 p.
C 13.10:500-117/v.2 S/N 003-003-02613-1 5.50

Selection of Microcomputer Systems. 1984: 30 p.
C 13.10:500-112 S/N 003-003-02553-4 1.50

Software Development Tools. 1982: 202 p.
C 13.10:500-88 S/N 003-003-02389-2 6.50

Software Maintenance Management. 1985: 67 p.
C 13.10:500-129 S/N 003-003-02681-6 2.75

Starting and Operating a Microcomputer Support Center. 1985: 40 p.
C 13.10:500-128 S/N 003-003-02683-2 1.75

Technology Assessment: Methods for Measuring the Level of Computer Security. 1985: 216 p.; ill.
C 13.10:500-133 S/N 003-003-02686-7 8.00

Topological Approach to the Matching of Single Fingerprints: Development of Algorithms for Use on:

Latent Fingermarks. 1985: 67 p.; ill.
C 13.10:500-126 S/N 003-003-02680-8 2.75

Rolled Impressions. 1985: 74 p.; ill.
C 13.10:500-124 S/N 003-003-02656-5 3.00

Toward an Improved FIPS Cost-Benefit Methodology:

Phase 1, Descriptive Models, Data Processing Operations. 1983: 72 p.; ill.
C 13.10:500-100 S/N 003-003-02461-9 5.00

Phase 2, Descriptive Models, General Purpose Application Software Development and Maintenance. 1984: 55 p.; ill.
C 13.10:500-116 S/N 003-003-02591-7 2.25

Computer Science and Technology - con.

Validation, Verification, and Testing for the Individual Programmer. 1980: 22 p. C 13.10:500-56 S/N 003-003-02159-8 $ 2.75

Workshop on Analytic and Simulation Modeling of IEEE 802.4 Token Bus Local Area Networks. 1985: 268 p.; ill. C 13.10:500-127 S/N 003-003-02660-3 9.50

Computer Science Training in the Department of Defense: The Silent Problem. *Describes computer science training and education problems in the military, and explains methods rectifying the situation. Particular emphasis is placed on computer system design, acquisition, implementation, programming, operations, and maintenance.* 1983: 54 p. D 5.413:82-1 S/N 008-020-00950-4 3.50

Computer Security Requirements: Guidance for Applying the Department of Defense Trusted Computer System Evaluation Criteria in Specific Environments. 1985: 17 p. S/N 008-000-00442-1 1.00

Computerized Fracture Mechanics Database for Oxide Glasses. 1985: 91 p. C 13.46:1212 S/N 003-003-02663-8 3.50

Computerized Manufacturing Automation: Employment, Education, and the Workplace. 1984: 480 p.; ill. Y 3.T 22/2:2 C 73/8 S/N 052-003-00949-8 14.00

Computerizing Election Administration, Volume 1, Current Applications. *Provides election administrators with a practical guide to applying computer technology to the election process. Also includes a description of the benefits and problems in the system and illustrates how computers have been applied to the election process in several jurisdictions.* 1985: 170 p. Y 3.El 2/3:2 C 73/v.1 S/N 052-006-00033-3 7.00

Computerizing Materials Data: A Workshop for the Nuclear Power Industry, The Report of a Workshop Held at Knoxville, Tennessee, May 2-3, 1984. 1985: 45 p.; ill. C 13.10:689 S/N 003-003-02636-1 2.25

Computers, Health Records, and Citizen Rights. *A study elaborating the findings of the Commerce Department regarding the intrusions of computers into the medical privacy of individuals.* 1976: 381 p.; ill. C 13.44:157 S/N 003-003-01681-1 9.50

Computers in Education: Realizing the Potential:

Chairmen's Report of a Research Conference, Pittsburgh, Pennsylvania, November 20-24, 1982. *Contains the conclusions of the conference as reported by its chairmen describing the need and opportunities for use of the computer in education and recommending future research.* 1983: 48 p. ED 1.2:C 73/3/v.1 S/N 065-000-00187-0 $ 3.75

Report of a Research Conference, Pittsburgh, Pennsylvania, November 20-24, 1982. *Presents material developed at the conference highlighting the need and opportunities for use of the computer in education. The Chairmen's Report (listed above) and the conference proceedings are also included.* 1983: 269 p.
ED 1.2:C 73/3/v.2 S/N 065-000-00188-8 6.50

Computers on the Battlefield: Can They Survive? *Discusses the advantages and ramifications of an automated battlefield, including computer design and maintenance.* 1983: 111 p.; ill.
D 5.409:83-5 S/N 008-020-00954-7 4.50

Computers on the Farm: Farm Uses for Computers, How to Select Software and Hardware, and Online Information Sources in Agriculture. 1974: 37 p. A 1.9:2277 S/N 001-000-04413-3 1.75

Conversion Work Packages. *Provides information for Government agencies that define and prepare conversion work packages. Chapters include Conversion Work Packages, Contents of a Program Work Package, and Conversion Libraries.* 1982: 67 p.; ill.
GS 12.16:OSD/FCSC-82/002
S/N 022-001-00128-7 3.00

Data Systems Technician 1 and C, Volume 2. *Topics cover shipboard tactical data systems, Navy Command and Control System, and maintenance programming and troubleshooting and the total maintenance concept. Volume 1 is out of print.* 1984: 180 p.; ill., 6 plates.
D 207.208/2:D 26/4/v.2 S/N 008-047-00350-1 5.00

Data Systems Technician 3 and 2, Volume 1. *Contains information on security, general maintenance, test equipment, the NTDS unit computer and NTDS peripheral equipment.* 1978: 238 p.; ill. revised ed.
D 207.208/2:D 25/2/982/v.1
S/N 008-047-00249-1 7.00

Department of Defense Password Management Guideline. *Sets guidelines for the use of password-based user authentication mechanisms in automatic data processing systems used for processing classified and other sensitive information.* 1985: 37 p.

S/N 008-000-00443-9 $ 1.75

Department of Defense Trusted Computer System Evaluation Criteria. *Defines a set of basic requirements and evaluation classes for assessing the effectiveness of security controls built into Automatic Data Processing (ADP) systems. The standards are intended for the processing and storage or both and retrieval of sensitive or classified information by the Department of Defense.* 1983: 127 p.

D 1.2:C 73/8 S/N 008-000-00418-8 4.75

Digital Computer Basics. 1978: 302 p.; ill. revised ed.

D 207.208/2:C 73/2/978 S/N 008-047-00256-4 8.50

Economic Analysis Procedures for ADP. 1980: 238 p.; ill.

D 201.6/12:Ec 7 S/N 008-040-00091-5 7.50

Effects of Information Technology on Financial Services Systems. *Discusses the impacts of telecommunication and data processing systems on the financial services industry.* 1984: 95 p.

Y 4.B 22/1:98-109 S/N 052-070-05972-9 2.50

Establishing a Software Engineering Technology (SET). *Provides the direction and structure upon which a detailed plan can be developed for establishing a Software Engineering Technology (SET), which includes the development of software standards, the development of computer and manual procedures, the acquisition of necessary software tools, and the integration of these elements into a suitable machine environment.* 1984: 113 p.; ill.

GS 12.16:OSD/FSTC-83/014

S/N 022-001-00126-1 4.50

Federal Conversion Support Center Conversion Cost Model (Version 2). *An update to the Federal Conversion Support Center Conversion Cost Model (Version 1) discussing conversion planning, analysis and preparation; application program and system software conversion data file and data base conversion; operation control language conversion; redocumentation; testing; site preparation; system transition; training; conversion management and administrative overhead and contract administration or both and support; and conversion aids.* 1982: 111 p.; ill.

GS 12.16:OSD/FCSC-82/001/ver.2

S/N 022-001-00127-9 4.50

Federal Government Information Technology: Management, Security, and Congressional Oversight. *Provides an analysis of the management of information technology, which includes strategic planning, innovation, procurement, and the information resources management concept; information systems security and computer crime; information technology and decision support; management of government information dissemination; and opportunities for using it in conducting Congressional oversight.* 1986: 198 p.; ill. Y 3.T 22/2:2 F 31/2 S/N 052-003-01036-7 $ 7.50

Final Evaluation Report of SCOMP, Secure Communications Processor, STOP Release 2.1. 1985: 80 p.
D 1.79:85/0001 S/N 008-000-00438-2 3.00

Find: Automation at the Library of Congress, The First Twenty-Five Years and Beyond. 1985: 28 p.
LC 1.2:Au 8/4 S/N 030-000-00165-6 1.50

FORTRAN Version of the Quantitative Energy-Dispersive Electron Beam X-Ray Analysis Program FRAME C. 1984: 39 p.
C 13.46:1200 S/N 003-003-02603-4 2.25

FSTC Software Tool Catalog. *Contains information on software tools available for Government agencies to use in increasing employee productivity.* 1984: 60 p.
GS 12.16:OIT/FSTC-84/021
S/N 022-001-00131-7 2.50

Fundamentals of COBOL, Programmers Reference. 1969: 254 p.; ill. 1978-repr. D 201.6/12:C 73/2 S/N 008-040-00017-6 7.50

GAMPHI: A Database of Activity and Osmotic Coefficients for Aqueous Electrolyte Solutions. 1985: 27 p.; ill.
C 13.46:1206 S/N 003-003-02640-9 1.25

GPO Sales Publications Reference File, Magnetic Tape (9-track, 6250 BPI). (Biweekly.) *The magnetic tape of the Publications Reference file is EBCDIC, labeled and blocked up to 8,100 character records. (NOTE: Complete documentation explaining the characteristics of the tape, field names, and data element locations and attributes is available upon request.) Each tape which consists of a complete reload of the file is current within two weeks of issuance. Express mail for domestic mailing is available at an additional charge to those customers served by post offices providing such service. Airmail for international mailing is also available at an additional charge.* Subscription price: Domestic - $850.00 a year; Foreign - $1,062.50 a year; no single copies sold. [GPRFT] (File Code 2E)
GP 3.22/3-2: S/N 721-004-00000-7

Guidelines for Planning and Implementing a Software Improvement Program (SIP). 1983: 89 p.; ill.
GS 12.16:OSD/FCSC-83/004 S/N 022-001-00124-4 $ 3.25

High-Density Digital Recording. *A sequel to Magnetic Tape Recording for the Eighties (S/N 033-000-00855-4) providing the history, background, and perspective of high-density digital recording from a user's viewpoint, with a discussion on magnetic, optical and bit error correction technologies.* 1985: 320 p.; ill.
NAS 1.61:1111 S/N 033-000-00967-4 11.00

High Technology Industries: Profiles and Outlooks:

Computer Industry. 1983: 70 p.; ill.
C 61.2:T 22/2 S/N 003-009-00360-1 4.50

Robotics Industry. 1983: 54 p.; ill.
C 61.2:T 22/3 S/N 003-009-00363-6 4.00

Information Resources Management Plan, Volume 1, Strategic Overview; and Volume 2, Systems Plan, Fiscal Year 85-Fiscal Year 89. *Documents the efforts of the Federal Aviation Administration to apply systems analysis and automated data processing technology to its information needs. Volume 1 provides a framework where the long-term goals for each agency information areas are deliniated; volume 2, a five-year tactical plan, provides more detail on each of the thirteen areas defined in volume 1.* 1984: 2 bks. (422 p.); ill., 20 dividers and errata sheet.
TD 4.2:In 3/984/v.1 and TD 4.33/6:985-86
S/N 050-007-00691-8 15.00

Information Technology for Emergency Management. *Includes an overview of issues involving the use of computers in an emergency situation.* 1984: 474 p.; ill. Y 4.Sci 2:98-HH S/N 052-070-05967-2 10.00

Information Technology R and D: Critical Trends and Issues. *Examines research and development in computer architecture, artificial intelligence, fiber optics, and software engineering, including the structure and orientation of selected foreign research and development programs. Manpower, institutional changes, and new research organizations as well as the implications of trends in science and technology policy are also examined.* 1985: 364 p.; ill.
Y 3.T 22/2:2 In 3/3 S/N 052-003-00976-5 9.50

Instructional Use of Computers in Public Schools, Spring 1982. *Presents findings of a national survey to assess recent changes in computer availability and to obtain data on instructional uses and needs from the school perspective.* 1984: 27 p.
ED 1.125:14 S/N 065-000-00197-7 $ 1.00

Introduction to FORTRAN. 1980: 138 p.; ill. 1985-repr.
D 207.208/2:F 76 S/N 008-047-00306-4 6.50

Introduction to Programming in BASIC. 1985: 169 p.; ill. revised ed.
D 207.208/2:P 94/985 S/N 008-047-00382-0 7.00

Issues and Recommendations on Microcomputing. *Presents recommendations on existing microcomputer base; microcomputer user groups, hardware/software requirements; standardization; communications requirements; computer security; microcomputer acquisition; end user support and end user responsibility.* 1984: 30 p.
S/N 022-001-00133-3 1.75

Journal of Research of the National Bureau of Standards. (Bimonthly.) *Reports on NBS research and development in those disciplines of the physical and engineering sciences in which the Bureau is active. These include physics, chemistry, engineering, mathematics and computer sciences.* Subscription price: Domestic - $17.00 a year; Foreign - $21.25 a year. Single copy price: Domestic - $3.00 a copy; Foreign - $3.75 a copy. [SJRA] (File Code 2N)
C 13.22: S/N 703-027-00000-8

Magnetic Tape Recording for the Eighties. *High-Density Digital Recording (S/N 033-000-00967-4) is a continuation of this publication.* 1982: 176 p.; ill. NAS 1.61:1075 S/N 033-000-00855-4 6.50

Management Introduction to Word Processing. 1975: 135 p.; ill. Issued with perforations.
D 101.22:340-2 S/N 008-020-00548-7 6.00

Measuring Professional Productivity. *Describes the Professional Productivity Measurement System (PPMS), a tool for measuring staff resources assigned to various functions performed by professional personnel.* 1984: 52 p.; ill.
GS 12.16:OIT/IMAD-84/003
S/N 022-001-00135-0 2.25

Microcomputer Management Guidelines. *Identifies the major factors that comprise microcomputing and suggests various techniques that can stabilize the environment and form the basis for a microcomputing policy. Also includes references and additional publications supplementing information presented in the guidelines.* 1983: 98 p.
GS 12.16:OIT/FSTC-83/019 S/N 022-001-00132-5 $ 3.25

Microcomputers in Transit:

A Hardware Handbook. *Describes the functions of each computer hardware component and the characteristics to look for in selecting equipment for small to medium sized transit operations.* 1984: 71 p. TD 1.20/8:84-46 S/N 050-000-00505-4 3.00

A Software Handbook. *Describes the type of computer programs of use in the transit industry and documents applications for some common ones.* 1984: 291 p.
TD 1.20/8:84-47 S/N 050-000-00506-2 7.00

Microcomputers in Transportation: Transit Inventory System Case Study. *Describes the process of designing and implementing a transit parts inventory control system for a 65 bus transit operator.* 1985: 109 p.; ill. TD 1.2:M 58/5 S/N 050-000-00512-7 2.25

NBSGSC: A FORTRAN Program for Quantitative X-Ray Fluorescence Analysis. 1985: 121 p.; ill. S/N 003-003-02653-1 4.50

Patent Profiles, Microelectronics 2. 1983: 183 p.; ill.
C 21.25:M 58/v.2 S/N 003-004-00595-5 6.50

Personal Computer Security Considerations. 1985: 17 p.
D 1.79/2:002-85 S/N 008-000-00439-1 1.00

Pipe/1000: An Implementation of Piping on an HP-1000 Minicomputer. 1985: 52 p.; ill. C 13.46:1208 S/N 003-003-02639-5 2.00

Preparing Software Conversion Studies. *Guidelines for Government personnel to follow when preparing a software conversion study, with a glossary of terms and a set of sample inventory forms that may be used in collecting information for a software inventory.* 1984: 80 p.
S/N 022-001-00130-9 3.00

Principles of Digital Logic. 1979: 76 p.; ill., plate.
D 207.208/4:D 56/2 S/N 008-047-00276-9 4.75

Provision of Federal Government Publications in Electronic Format to Depository Libraries. 1984: 136 p.; ill.
Y 4.P 93/1:P 96/2 S/N 052-070-05970-2 $ 5.50

Publishing From a Full Text Data Base. *Discusses the full text automated composition system developed by the GPO which concentrates on the text, tables, and space reservation for illustrations.* 1983: 184 p.; ill.
GP 1.2:P 96/4 S/N 021-000-00116-3 6.00

Reference Manual for the Ada Programming Language. 1983: 344 p.
D 7.10:1815 A-1983 S/N 008-000-00394-7 8.00

Robotics and Foreign Affairs, A Symposium. *Provides basic information on the current developments in and the economic effects of automated manufacturing technology throughout the world. Viewpoints of labor and management groups are included.* 1985: 104 p.
S 1.114/3:R 57 S/N 044-000-02061-1 2.25

Selected Characteristics of Persons in Computer Specialties, 1978. 1984: 33 p.
C 3.186:P-23/134 S/N 003-001-91551-1 2.00

Software Aids and Tools Survey. *Catalogs computer conversion tools for Federal agency use.* 1985: 683 p.; revised ed.
GS 12.16:OIT/FSMC-86/002
S/N 022-001-00140-6 22.00

Software Improvement, A Needed Process in the Federal Government. *Discusses the status of Federal government software and its improvement techniques and strategies for improvement.* 1981: 15 p.
GS 12.16:OSD-81-102 S/N 022-001-00123-6 1.75

Software Improvement Process: Its Phases and Tasks, Part 1-2. *Guidelines for managers who prepare software improvement programs. Part 1 is a narrative explaining the SIP process and part 2, an appendix of forms used in developing a SIP.* 1983: 2 bks. (373 p.); ill.
GS 12.16:OSD/FCSC-83/006/pt.1-2
S/N 022-001-00125-2 12.00

Standard Practice for the Fire Protection of Essential Electronic Equipment Operations. 1978: 72 p.; ill.
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